

BERTHOUD

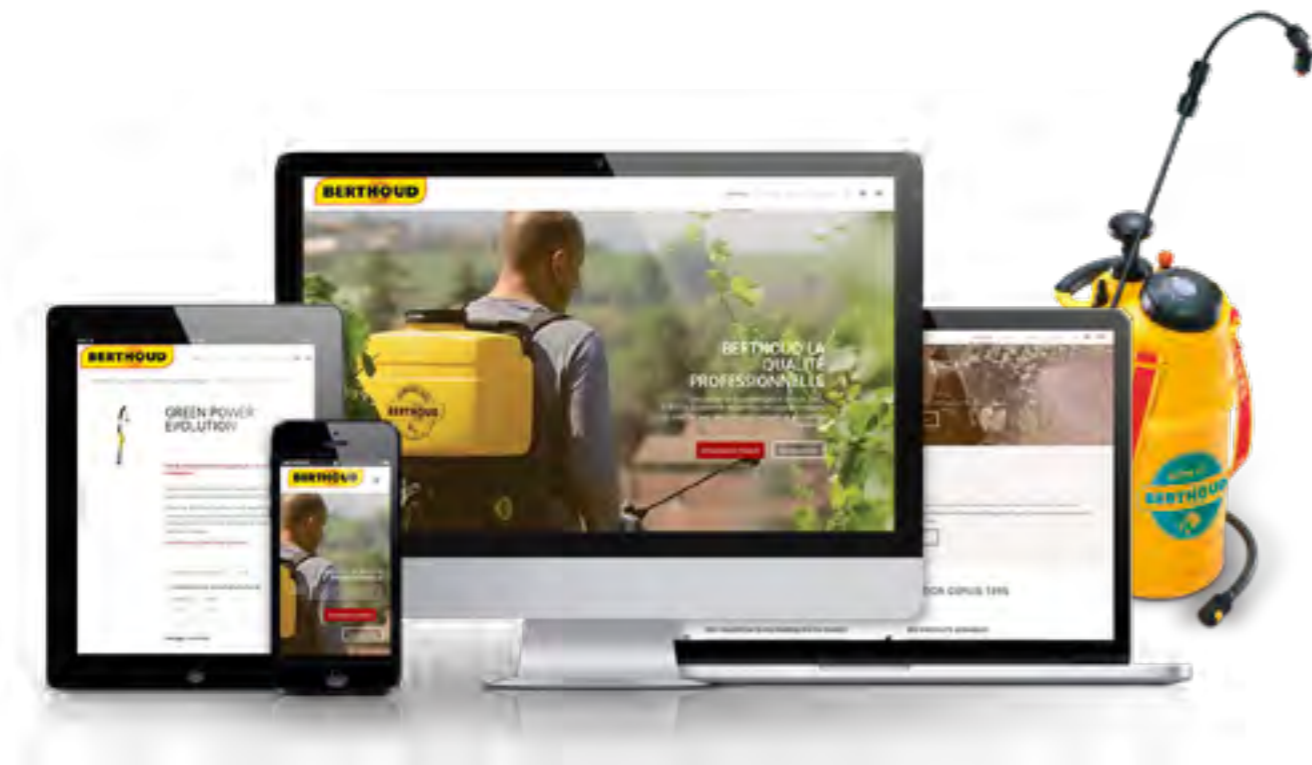
SPRAYING SPECIALISTS SINCE 1895



PRODUCTS CATALOGUE
N°18

www.berthoud.fr/en

BERTHOUD WEBSITE



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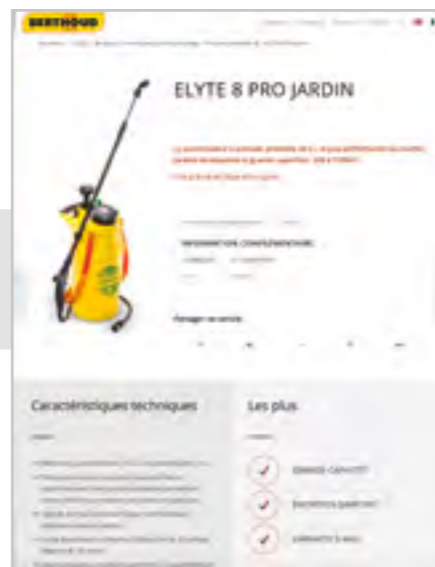
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Visit a modern website, with an adaptive design, providing optimum readability, even on a tablet and telephone.



Find our detailed product sheets with technical and practical information and all of the product advantages.



Discover the group's history and advice from the pros so that you can take care of your garden like a professional.

1895 : Company founded by Paul Berthoud who wanted to industrialize the production of copper knapsack sprayers.

1938 : The second generation Ferdinand and Jean Berthoud, his two sons, joined the company in turn.

1956 : Arrival of the third generation with cousins Guy and Didier whose priority is to attack the home market with a specific range «Flori-Leisure».

1969 : Centralization of all services (production, sales, despatch) in Villefranche-sur-Saône (France)

1987 : The company is taken over by Patrick Ballu and joins EXEL Industries, world leader in spraying.

Berthoud becomes one of the strongest brands at HOZELOCK-EXEL holding for many years almost 40% of the French market (in value), an undisputed leader.

Berthoud products are recognised as being highly professional. This is in part due to their agricultural origins and their long term market presence. It will come as no surprise that the company's core clients are the experienced gardener and the professional.

The company meets its customers' exacting requirements in three ways:

- by offering an unrivalled breadth or product range
- by offering impeccably engineered, high-performance sprayers
- by offering excellent after-sales service



For more information visit our website :

www.berthoud.fr/en

A NEW GRAPHIC CHARTER FOR BERTHOUD

Berthoud's graphic charter for packaging has been reviewed in order to provide products with better visibility and readability. In coherence with Berthoud's brand image, the new packaging highlights more technical information and the associated consumer advantages in order to enhance the differences with regards to the competition.



Modernisation of the BERTHOUD charter, still oriented towards PREMIUM positioning

Communication on the strong points of the BERTHOUD brand:

- 100% made in France
- Ultra-high performance Customer Service in France: 5-year warranty and spare parts availability for at least 10 years after marketing of a model stops
- Unique technical concepts on the sprayer market

Complete compatibility of our entire BERTHOUD sprayer offering with the new natural products available on the French market in addition to phytosanitary products.

Since 1 January 2017, self-service sales of chemical pesticides to amateur gardeners has been prohibited in France. Biocontrol products or those with a low risk are not concerned by this measure. And on 1 January 2019, the sale of chemical pesticides will be prohibited for private individuals.

All of our Berthoud sprayers are **adapted for spraying phytosanitary and natural products**, which are sometimes more aggressive chemically, thanks to the following measures set up:

- **Static and dynamic tests** conducted across all of the garden product brands (Natria, Neurdooff, Naturen, Clairland ...)
- Adaptation of our seals: **reinforced seals** in order to provide compatibility with the new natural products



Precautions to be taken in order to guarantee optimum service life for your sprayer:

- **Rinse the device well after each use**
- **Grease the sprayer's seals twice a year (see instructions)**

Quality products for reliable and efficient sprayers



Sprayers manufactured in France

All our sprayers are manufactured in our factory in France. The quality of the components and their assembly, the rigorous monitoring at all stages of manufacturing and the systematic tracking are all measures to ensure high quality, durable and reliable products.



Durable products

Berthoud guarantees their manual knapsack sprayers and compression sprayers over 2L for 5 years (under the conditions specified in the equipment's user manual for products sold since September 1st 2007) except mistblowers, pulvexel and Greenpower ranges.



A priority : Quality

The company is certified ISO 9001 version 2008, a guarantee of quality procedures at each stage of the design, manufacture and distribution of our sprayers.



A performing after sales service

All our products are repairable thanks to our After Sales Service which guarantees the availability of spare parts for at least 10 years after the end of the products commercialization.



Clear segmentation of the range according to use (Garden treatments, Weeding, Do-it-yourself) in order to assist the consumer in making his choice.



ELIMINATE WEEDS WITHOUT CHEMICALS

GROWTH EXPECTED IN THE WEEDING MARKET



EMERGENCE OF NEW RETAIL TRENDS

- Changes in legislation and restrictions on the sale of chemical products
- Increasing sales of organic treatment products and advent of new formulations, usable in organic cultivation
- Development of alternatives to chemicals

CHANGING CUSTOMER EXPECTATIONS

- Willingness to use **natural practices**
- Weed to obtain a clean and pleasant garden
- Weeding without stooping or fatigue
- Purchasing criteria: **effectiveness of the method, ease of use**, comfort, safety, environmental friendliness

BERTHOUD has developed a complete range of thermal weeders for clearing driveways, patios, flowerbeds, vegetable patches, and similar areas effortlessly and without applying chemicals.

PRINCIPE

Thermal weeders eradicate weeds by subjecting them to thermal shock. The abrupt rise in temperature bursts the plant cells, destroying the weed in 2–3 days.

Strong, tenacious weeds may require several treatments.



THE PRODUCT OFFERING

Products for safe use



GAS WEEDERS

- Weeder operating with gas cartridges
- Weeder to be connected to gas cylinders



ELECTRIC WEEDER

- Weeder to be connected to an electrical outlet, no consumable items to use

ENERGISE YOUR "ALTERNATIVE WEEDING" OFFERING IN YOUR SHOP!



BOOST YOUR SALES



INCREASE YOUR MARGIN RATE





GREEN POWER EVOLUTION

101709



Always ready to use

- No consumables to buy
- No charging required
- Simply plug the appliance in, switch the heat on, then place the flared hood over the offending weed.
- 3 seconds' exposure
- Thermal shock of 600°C



10X CHEAPER THAN GAS



« Innovative, ready to use, easy to apply, safety and confidence »

- Length and weight designed to remove weeds without bending down or getting tired
- Product assembled
- Ventilation mode for cooling

BARBEQUE LIGHTING FUNCTION !

Lights charcoal than 2 minutes barbeques in less easily and without chemicals. Ventilation mode rekindles the embers.



BERTHOUD GREEN POWER EVOLUTION will be stopped end of 2018 and will be sold in HOZELOCK brand from beginning of 2019.

Discover what's new on the new HOZELOCK catalogue, page 7

Ergonomic handle

1.5 m cable with cable hook

Foam handle for additional comfort when using for barbecues

On/Off switch and ventilation mode for cooling

Heating module 1600W High-performance motor with ceramic elements

Metal protection, to safely use as a barbecue lighter

Angled handle for more comfort during use



Designation	Old ref BERTHOUD	Old EAN code BERTHOUD	New ref HOZELOCK	New EAN code HOZELOCK	Carton			Palette		
					N° Units	Dimensions W x D x H (mm)	Weight (kg)	Dimensions W x D x H (mm)	N° layers	N° Boxes / layer
Green Power Evolution	101709	3176241017095	4185 1240	5010646058025	4	1090 x 200 x 150	3,50	1200 x 800 x 2100	10	4
Box Green Power Evolution	101710	3176241017101	4185 9012	5010646970853	10	615 x 415 x 110	19,0	1200 x 800 x 2100	-	-



THERMAL WEEDER WITH GAS CARTRIDGE

101731



Strain-free, non-tiring, safe, accessible to all, ready to use

- **Use :** screw the gas cartridge into the connection spigot, turn the control knob to open the gas, play the flame roughly 10cm above the soil and heat the offending weed for a few seconds.



- **Accurate weeding** over small areas thanks to the precision nozzle
- **Great freedom of movement**, no electrical wires or gas cylinders to move
- **Power :** 4kW



- **Easy and safe lighting**, Piezo on the handle
- **Autonomy: 3h** with continuous use
- **Ergonomic**, comfortable handle
- **Light and easy to manoeuvre** (1.37kg including full cartridge)
- **The wand slopes** forward at the bottom to stay clear of the user's feet (protection against the heat of the flame)
- **Supplied with one 600ml gas cartridge.**



Accessory : Gas cartridge See page 11

Article name	Reference	EAN code	Item weight (kg)	N° Units	Box		Pallet		
					Dimensions W x D x H (mm)	Weight (kg)	Dimensions W x D x H (mm)	N° layers	N° Boxes / layer
Gas Thermal Weeder (x6)	101731	3176241017316	1,80	6	210 x 100 x 1140	10,80	800 x 1200 x 1700	5	3



WEEDERS WORKING WITH GAS BOTTLES

101736

Effective, safe

- **Preparation :** Fit the burner handle to the hose, fit the regulator to the other end of the hose and after connect the regulator to the gas cylinder
- **Usage:** Heat the weeds until they shrink. The weed dies 2 or 3 days later by drying out..
- Compatible Butan, Propan
- Heat input for 2.5bar gas pressure : 40 kW(2850 g/h)



- **5 m gas supply hose**, complies with EN 16436
- **Easy and safety ignition**, Piezo-ignition within hand's reach
- **Let go of the trigger** and the flame will automatically move to pilot (saves gas)
- **Fitted with a 2.5 bar pressure regulator**, providing a steady flow of gas regardless of pressure variations in the cylinder - an essential feature for safe use of the weeder



Single-burner

Only available on french, benelux and italian markets

COMES IN TWO VERSIONS:

Dual burner

Only available on french, and benelux markets



- Designed to **weed effortlessly and without bending over** (92cm high and the weight of the rod is 1.9kg)



- Ideal for weeding **large areas**
- Built-in piezo lighting on the rod, a Berthoud exclusivity!



Only available on french market

284058 / 284059

ADAPTERS FOR SINGLE AND DUAL-BURNER WEEDERS

2 essential adapters for proprietary gas cylinders :

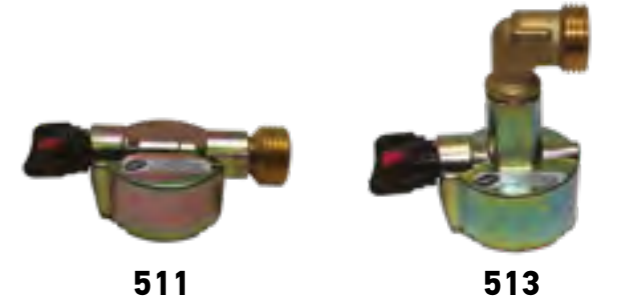
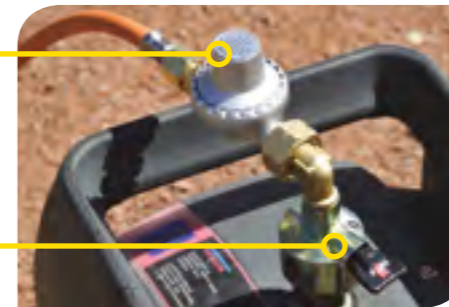
The adapter doesn't reduce the pressure; it must be used as a supplement to the 2.5 bar pressure reducer provided with your Berthoud weeder.

- **Compatible 511 adapter :** ELFI, MALICE, CALYPSO, CLAIRGAZ, TWINNY, SHESHA
For automatic valve Ø 20mm. Male outlet 21.7x1.814 on the left. Ref. 284058
- **Compatible 513 adapter :** BUTAGAZ type CUBE, VISEO
For automatic valve Ø 27mm. Male outlet 21.7x1.814 on the left. Ref. 284059



2,5 bar regulator

513 adapter



GAS CARTRIDGE

284057

Accessory for the gas cartridge weeder

- Compatible with the Berthoud weeder, ref. 101731
- 70% Butan - 30% Propan
- Valve system. A cartridge that has been started can be used later with no problems
- Contents : 330 gr - 600 ml
- Sold separately
- This cartridge complies with EN417
- Safety data sheet available on request, UN code: 2037



Article name	Reference	EAN code	Item weight (kg)	N° Units	Box		Pallet		
					Dimensions W x D x H (mm)	Weight (kg)	Dimensions W x D x H (mm)	N° layers	N° Boxes / layer
Single-Burner Weeder (x4)	101728	3176241017286	2,10	4	210 x 80 x 1060	9,36	800 x 1200 x 1190	8	4
Single-Burner Weeder (box of 10)	101729	3176241017293	2,11	10	630 x 430 x 1060	23	800 x 1200 x 1210	1	4
Dual-Burner Weeder	101730	3176241017309	2,34	2	200 x 200 x 1060	5,90	800 x 1200 x 1990	8	3
Adapter 511	284058	3176242840586	0,20	24	260 x 250 x 280	4,80	800 x 1200 x 1830	6	12
Adapter 513	284059	3176242840593	0,26	24	260 x 250 x 280	6,24	800 x 1200 x 1830	6	12
Gas cartridge	284057	3176242840579	0,47	24	70 x 70 x 260	11,30	800 x 1200 x 2110	7	8



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